BASIN ELECTRIC POWER COOPERATIVE

1717 EAST INTERSTATE AVENUE BISMARCK, NORTH DAKOTA 58503-0564 PHONE 701-223-0441 FAX: 701/224-5336

SEP 2 2 2006

SOUTH DAKOTA PUBLIC UTILITIES COMMISSION



September 18, 2006

Patricia Van Gerpen South Dakota Public Utilities Commission Capitol Building, 1st Floor 500 East Capitol Avenue Pierre, SD 57501-5072

RE:

Notification of Intent for Basin Electric Power Cooperative's proposed Groton

Generation Station Unit 2

Dear Ms. Van Gerpen:

Basin Electric Power Cooperative (Basin Electric) is a consumer-owned, regional cooperative headquartered in Bismarck, North Dakota. Basin Electric is proposing to construct an additional 100 MW (nominal) General Electric LMS100 simple-cycle gas turbine in Brown County, approximately five miles south of the city of Groton. The estimated cost for this project is \$68 million.

The proposed site is located five miles south of the town of Groton, three miles north of the community of Ferney, and eight miles southeast of the city of Aberdeen, all of which are in Brown County.

The turbine will be fired by natural gas supplied by the existing natural gas pipeline presently on site. This proposed project location will not require installation of any new pipeline.

The proposed site has an existing Western Area Power Administration (WAPA) 115-kV substation, a Basin Electric 345-kV substation, and a 100 MW GE LMS100 gas turbine. An existing 345-kV transmission line owned by Basin Electric and a 115-kV line owned and operated by WAPA currently pass within one-half mile of the site.

This site will be operated remotely with daytime support personnel for operating and maintenance activities. The construction phase of the project will take place over a period of 12-15 months. A maximum of approximately 30-40 construction personnel will be on site at any given time.

Known permits that have been identified for this project are as follows:

- Siting an Energy Conversion Facility South Dakota Public Utility Commission
- Air Emission Permit South Dakota Department of Environment and Natural Resources
- Storm Water Construction Permit South Dakota Department of Environment and Natural Resources

Basin Electric will be providing a supplement to the existing Environmental Assessment (EA) in accordance with the Rural Utilities Service (RUS) requirements for this project.



The following is a preliminary listing of names and addresses in the anticipated effected area of the proposed plant site:

Mr. Dennis Feickert, Chairman Brown County Commission 25 Market Street Aberdeen, SD 57401

Mr. Gerald Rix, Mayor City of Groton 209 North Main P.O. Box 587 Groton, SD 57445-0587

Ms. Dorene Nelson, Chairman Groton School Board 40776 131st Street Groton, SD 57445-6100

If you have any questions, please contact me. Thank you.

Sincerely,

James A. Berg

Water Quality/Waste Management Coordinator

/gmj

cc: Jim K. Miller